ABSTRACT

The chemical substance detecting apparatus according to the present invention comprises: a chemical substance decomposing means 10 for decomposing a substance-to-bedetected adhering to an impurity and eliminating from the impurity a chemical substance characterizing the substanceto-be-detected; a chemical substance detecting means 30 for detecting the chemical substance; and a filter 50 for selectively admitting the chemical substance to chemical substance detecting means 30, whereby substance-to-be-detected is indirectly detected, based on a detected result of the chemical substance. chemical substances including chemical substances, such as dioxin, etc., which are generated, adhering to impurity particles can be measured real time with high sensitivity.